FB1 enrichment Solution

Cat: RL100103
Specification: 6*225ml
Storage: Store at 2-8℃， avoid light

Introduction:

I. Product use:

For selective growth culture of Listeria.

II. Inspection principle:

Caseinase digestion, animal tissue enzyme digestion, beef paste powder, yeast paste powder to provide nitrogen sources, vitamins, amino acids and growth factors; Sodium chloride can maintain a balanced osmotic pressure; Disodium hydrogen phosphate and potassium dihydrogen phosphate are buffer agents. Aesculin is a fermentable sugar; Lithium chloride and other antibiotics inhibit gram-negative bacteria and most Gram-positive bacteria.

III. Composition: g/L

Caseinase digest 5.0
Animal tissue enzyme digestives 5.0
Beef paste :5.0
Yeast paste powder :5.0
Sodium chloride :20.0
Disodium hydrogen phosphate :12.0
Potassium dihydrogen phosphate :1.35
Aesculin :1.0
Lithium chloride :3.0
Ferric ammonium citrate :0.5
Acriflavin hydrochloride :12.49mg
Nalidixonic acid :10mg
Distilled water :1000mL
pH 7.2±0.2

IV. Instructions for use: (for reference only)

Open the package can be used.

V. Quality Control:

1. The following quality control strains were inoculated and cultured at 30 ± 1℃ for 24 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	Characteristic reaction
Growth rate	Listeria monocytogenes ATCC19115	Listeria monocytogenes ATCC19115	the number of gray to black colonies with black halos
	Escherichia coli ATCC25922		
	Enterococcus faecalis ATCC29212		
Selective	Escherichia coli ATCC25922	On TSA < 200cfu	-
	Enterococcus faecalis ATCC29212		-

VI. Note:

Operate in a clean environment to avoid contamination of the culture medium.

VII. Waste disposal:

After testing, the contaminated items are placed under high-pressure sterilization at 121℃ for 30 minutes.